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Annals and Magazine of Natural History
Series 1

ISSN: 0374-5481 (Print) (Online) Journal homepage: http://www.tandfonline.com/loi/tnah07

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To cite this article: (1845) Meteorological observations made by Mr. Thompson at the garden of the Horticultural Society at Chiswick, near London; by Mr. Veall, at Boston; by the Rev. W. Dunbar, at Applegarth Manse, Dumfries-shire; and by the Rev. C. Clouston, at Sandwick Manse, Orkney , Annals and Magazine of Natural History, 16:104, 216-216, DOI: 10.1080/037454809495939

To link to this article: http://dx.doi.org/10.1080/037454809495939

Published online: 16 Dec 2009.

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Meteorological Observations made by Mr. Thompson *at the Garden of the Horticultural Society at* Chiswick, *near London; by* Mr. Veall, *at* Boston; *by the* Rev. W. Dunbar, *at Applegarth Manse,* Dumfries-shire; *and by the* Rev. C. Clouston, *at Sandwick Manse,* Orkney.

Days of Month.	Barometer.							Thermometer.							Wind.				Rain.			
	Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		Orkney, Sandwick.		Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		Orkney, Sandwick.		Chiswick. 1 p.m.	Boston.	Dumfries-shire.	Orkney, Sandwick.	Chiswick.	Boston.	Dumfries-shire.	Orkney, Sandwick.
1845. July.	Max.	Min.		9 a.m.	9 p.m.	9½ a.m.	8½ p.m.	Max.	Min.		Max.	Min.	9½ a.m.	8½ p.m.								
1.	29·665	29·572	29·09	29·16	29·10	29·46	29·21	71	52	58	57	51	53	51	sw.	s.	e–sw.	ne.	·13	·05	.....	.....
2.	29·824	29·776	29·26	29·55	29·70	29·45	29·80	65	56	61	64	50	49½	52½	s.	calm	nw.	sw.	·06	·16	.....	·46
3.	29·828	29·640	29·19	29·60	29·40	29·88	29·65	84	52	71	65	49	57	52	s.	calm	ne.	e.	·01	·12	.....	.....
● 4.	30·109	30·033	29·48	29·68	29·94	29·34	29·87	75	50	62·5	62½	50½	58	50	s.	w.	sse.	wsw.	.....	·20	.....	·24
5.	30·196	30·161	29·69	30·04	30·10	30·03	30·19	77	56	68	66	50	58½	55	s.	w.	ese.	s.	.....	·27	.....	·06
6.	30·067	29·990	29·58	30·07	29·90	30·21	30·16	81	60	69	68½	52	61	52	e.	se.	se.	e.	.....	.....	.....	.....
7.	29·960	29·943	29·34	29·79	29·81	30·00	29·84	84	56	72	68	56½	52	52	se.	w.	s.	s.	·01	.....	.....	·06
8.	29·959	29·940	29·32	29·71	29·64	29·77	29·60	78	54	66	66	55	60	53½	sw.	w.	s.	se.	·01	.....	0·82	·03
9.	30·001	29·978	29·36	29·66	29·66	29·57	29·57	71	53	66	66	54½	58	53	sw.	w.	sw.	wsw.	·15	.....	.....	.....
10.	29·818	29·721	29·22	29·56	29·52	29·60	29·67	71	55	61	67	54	55	50	sw.	w.	s.	n.	·02	·06	.....	·10
11.	29·722	29·533	29·04	29·53	29·66	29·72	29·78	70	46	64	65	47	52½	47	sw.	w.	nne.	nw.	·71	·10	.....	·10
☽ 12.	29·946	29·907	29·40	29·78	29·81	29·83	29·87	64	48	56	63	44½	55	50	nw.	w.	nnw.	nw.	·07	·08	.....	·05
13.	29·940	29·811	29·49	29·79	29·69	29·84	29·80	71	55	64	56½	46⅓	51½	50	sw.	calm	se.	nw.	·01	.....	.....	·09
14.	30·035	29·884	29·35	29·80	29·96	29·84	30·03	71	49	61	63½	52½	51½	49½	w.	w.	nw.	nw.	·04	·06	.....	·04
15.	30·069	30·059	29·61	30·00	29·94	30·10	30·09	71	46	60	63½	44	49	49	n.	nw.	nw.	n.	·03	·06	.....	·15
16.	30·045	30·005	29·56	29·93	29·82	30·02	29·94	71	54	58·5	62	41½	49½	50	sw.	calm	sw.	sw.	·07	.....	0·60	.....
17.	30·029	29·974	29·47	29·77	29·84	29·92	29·94	75	54	58	62½	51⅓	54	53	sw.	calm	w.	se.	·02	·09	.....	.....
18.	30·091	30·066	29·55	29·94	30·00	30·08	30·17	76	48	64	68	52½	58	53½	sw.	w.	e.	e.	.....	.....	.....	.....
○ 19.	30·058	30·020	29·58	30·03	30·05	30·22	30·22	71	52	58	65	51⅔	58	53	e.	w.	ene.	se.	.....	.....	.....	.....
20.	30·041	29·955	29·60	30·08	30·04	30·26	30·27	71	53	57	62½	51¼	54	52	e.	n.	n.	n.	·24	.....	.....	.....
21.	29·924	29·908	29·50	30·02	30·04	30·27	30·25	73	57	61	64	54	54	50	e.	calm	ene.	ne.	.....	·12	.....	.....
22.	29·935	29·866	29·49	30·00	30·00	30·25	30·20	71	54	57	60½	51½	51½	52	ne.	e.	ene.	n.	·05	.....	.....	.....
23.	29·910	29·905	29·48	29·98	29·98	30·15	30·10	58	53	57	58	50	52	51	ne.	calm	ne.	nw.	·05	.....	.....	.....
24.	29·924	29·905	29·48	29·92	29·90	30·03	29·92	60	55	57	60⅓	51⅓	55	52	ne.	calm	w.	w.	.....	.....	0·25	.....
25.	29·932	29·931	29·50	29·83	29·80	29·85	29·78	64	57	61	65⅓	54½	56	53½	ne.	calm	s.	sw.	.....	.....	.....	.....
☾ 26.	29·929	29·921	29·43	29·78	29·68	29·66	29·51	71	52	64	63½	50	58	57	se.	calm	sw.	s.	.....	.....	.....	.....
27.	29·869	29·774	29·27	29·48	29·54	29·40	29·42	67	48	63	64	55⅓	60	52	w.	calm	sw.	w.	·07	.....	.....	·16
28.	29·746	29·577	29·22	29·55	29·53	29·55	29·65	72	44	63·5	63½	45⅓	55	51	nw.	calm	w.	.....	·05	.....	.....	.....
29.	29·794	29·559	29·10	29·58	29·60	29·74	29·72	65	43	53	65	41⅓	56	52	w.	calm	sw.	.....	.....	·78	.....	.15
30.	29·790	29·577	29·24	29·50	29·30	29·55	29·60	64	45	62	62⅓	40⅓	53	51	sw.	calm	se.	se.	·33	·19	0·51	.....
31.	29·587	29·545	29·09	29·28	29·29	29·62	29·65	69	50	61	61½	51	56	54½	sw.	w.	se.	e.	·18	·17	.....	.....
Mean.	29·927	29·852	29·38	29·464	29·749	29·845	29·853	71·03	51·84	61·7	63·5	48·4	54·88	51·74					2·31	2·51	2·18	1·69